

Second B.H.M.S. (2015) Examination (Phase - III) Winter - 2021
PATHOLOGY, BACTERIOLOGY & PARASITOLOGY - I
(Paper - I)

Total Duration : Section A + B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answerbook for **all** sections.

2. Short Answer Questions (Solve any 4 Out of 6): [4 × 5 = 20]

- a) Pulmonary oedema
- b) Frozen Section
- c) Chemical Mediators of Inflammation
- d) Complications of Blood Transfusions
- e) Caseous Necrosis
- f) Differentiate between healing by primary and secondary intention

3. Short Answer Questions (Solve any 4 out of 6): [4 × 5 = 20]
- a) Chronic Pyelonephritis kidney
 - b) CSF examination
 - c) Seminoma Testis
 - d) Pathology of Rheumatic Heart Disease
 - e) Acute Appendicitis
 - f) Iron Deficiency Anemia

4. Long Answer Questions (Solve any 2 out of 4): [2 × 10 = 20]
- a) Discuss Etiopathogenesis, Gross, Microscopic features and complications of Enteric fever.

OR

- b) Define Antigen and Antibody. Describe Antigen Antibody reactions and their applications in diagnosis of various diseases.
- c) Define Cirrhosis. Discuss Alcoholic liver disease in detail.

OR

- d) Define Thrombosis and describe it's Etiopathogenesis. Add a note on Fate of Thrombosis.

Long Answer Questions (5,6,7) (Solve any 1 out of 3): [1 × 20 = 20]

- 5. Define infarct. Mention it's types. Discuss Myocardial Infarction with respect to its Etiopathogenesis, pathology and lab diagnosis.
- 6. Define Hypersensitivity reactions. Discuss them in detail.
- 7. Define Neoplasia. Mention it's types. Differentiate between the two. Add a note on Squamous cell carcinoma.



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[Total No. of Pages : 2

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Second B.H.M.S. (2015) Examination (Phase - III) Winter - 2021
PATHOLOGY, BACTERIOLOGY & PARASITOLOGY-II
(Paper - II)

Total Duration : Section A + B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
- 1) Use **blue/black** ball point pen only.
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 - 7) Use a common answerbook for **all** sections.

2. Short Answer Questions (Solve **any 4** out of 6): [4 × 5 = 20]

- a) Polio virus
- b) Hydatid cyst
- c) Anaphylaxis
- d) Pathogenicity of C diphtheriae
- e) Lab diagnosis of staph aureus
- f) Dermatomycosis

3. Short Answer Questions (Solve **any 4** out of 6): [4 × 5 = 20]

- a) Differences between bacillary dysentery & amoebic dysentery
- b) Graft versus host reaction
- c) Pathogenicity of W bancrofti

- d) Meningococcus
- e) Differences between exotoxin and endotoxin
- f) Lab diagnosis of rabies virus

4. Long Answer Questions (Solve **any 2** out of 4): [2 × 10 = 20]

- a) Describe in details of morphology, cultural characters, pathogenicity & lab diagnosis of Pneumococcus.
- b) Describe in details of morphology, life cycle, pathogenicity & lab diagnosis of L donovani.
- c) Describe different methods of diagnosis of fungal illnesses.
- d) Describe in details morphology, pathogenicity & lab diagnosis of Hepatitis B virus.

Long Answer Questions (5, 6, 7) (Solve **any 1** out of 3): [1 × 20 = 20]

- 5. Describe in details of morphology, life cycle, pathogenicity & lab diagnosis of E granulosus.
- 6. Describe in details of morphology, cultural characters, pathogenicity & lab diagnosis of S typhi.
- 7. Describe in details of morphology, pathogenicity & lab diagnosis of HIV virus.



Second B.H.M.S. (New) Examination (Phase - III) Winter - 2021
PATHOLOGY & MICROBIOLOGY

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Total Duration : Section A + B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
- 1) Use **blue/black** ball point pen only.
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 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever necessary**.
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 - 7) Use a common answerbook for all sections.

2. Short Answer Questions (Solve any 4 out of 6): [4 × 5 = 20]

- a) Giardiasis.
- b) Toxins of staphylococcus aureus.
- c) Classification of parasite.
- d) Bacterial spore.
- e) Caisson disease.
- f) Dystrophic calcification.

3. Short Answer Questions (Solve any 4 out of 6) : [4 × 5 = 20]

- a) Hepatitis A virus.
- b) Crohns disease.
- c) Chronic leukemia.

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- d) ASO titre.
- e) Miasmatic background of asthma.
- f) NIH swab.

4. Long Answer Questions (Solve any 2 out of 4) : [2 × 10 = 20]

- a) Describe aetiopathogenesis and pathological changes of chronic gastritis. Add a note on complication of chronic gastritis.

OR

- b) Describe wound healing by primary intention. Discuss factors affecting wound healing.
- c) Describe morphology and life cycle of taenia solium.

OR

- d) Define culture media. Discuss in detail various types of culture media.

Long Answer Questions (5, 6, 7) (Solve any 1 out of 3) : [1 × 20 = 20]

- 5. Describe morphology, cultural characteristic, pathogenesis and lab diagnosis of E. coli.
- 6. Define thrombosis. Describe in detail aetiopathogenesis and fate of thrombosis.
- 7. Describe in detail aetiology, pathogenesis, pathological changes and complications of pneumonia.

